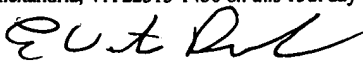


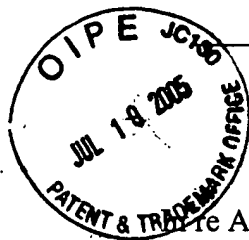
I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to:  
Commissioner for Patents, Mail Stop Amendment, Box 1450, Alexandria, VA 22313-1450 on this 13th day of July, 2005.

By



(Signature of person mailing)  
E. Victor Donahue

(Typed or printed name of person)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Application of:

**Christopher W. Benjamin**

Group Art Unit: **1647**

Application No.: **09/899,495**

Examiner: **Landsman, Robert S.**

Filing Date: **July 5, 2001**

For: **HUMAN ION CHANNELS (IONS 147-155)**

Commissioner for Patents  
Mail Stop RCE  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**Reply with Amendment under 37 CFR 1.116**

In response to the Official Action, made final and dated June 14, 2004, reconsideration is respectfully requested in view of the amendments, remarks and other papers as indicated below:

- ☒ Amendments to the Claims are reflected in the Listing of the Claims which is found as Page 2 of this Paper,
- ☒ Remarks begin on Page 3 of this Paper
- ☒ Petition for Extension of Time for Five Months (in duplicate).
- ☒ An RCE Petition, in duplicate.

**Preliminary Remarks**

The present Reply with Amendment follows the filing by Applicant of a Notice of Appeal on December 14, 2004. The present submission timely responds to the Final Official of June 14, 2004, and the subsequent Advisory Action, mailed January 18, 2005.